Glossary

Application Layer Layer 7 of the OSI model; the user interface to network services and applications that provides services to directly support users.

ACSE Association Control Service Element. The service element in the OSI Application layer responsible for association establishment and release.

AE Title Application entity title. A unique name identifying an OSI service such as FTAM. The AE title consists of two parts, the AP-title and the AE-qualifier.

AFI Authority format identifier. The first part of the IDP definition of an NSAP. See IDP.

A/P ACSE/Presentation. Used to describe the ACSE/Presentation part of Hewlett-Packard's APRI implementation.

APLI ACSE/Presentation library interface (see APRI). Another term used to describe the ACSE/Presentation part of Hewlett-Packard's APRI implementation.

APRI Abbreviation for ACSE/Presentation and ROSE Interface. Hewlett-Packard's programmatic interface to the OSI services provided by ACSE, Presentation and remote operation service element (ROSE).

ARPA See DARPA.

ASN.1 Abstract Syntax Notation One. The OSI description language used to define data types. Abstract syntax describes data types independent of the underlying system used.

BCD binary coded decimal.

BSD Berkeley Software Distribution; a set of networking protocols developed primarily for user with the UNIX operating system. The Berkeley protocols are often used on the same network with ARPA.

CCITT See International Consultative Committee on Telephone and Telegraph

CLNS See Connectionless network service.

CMIP Common Management Information Protocol.

CMISE See Management Information Service Element.

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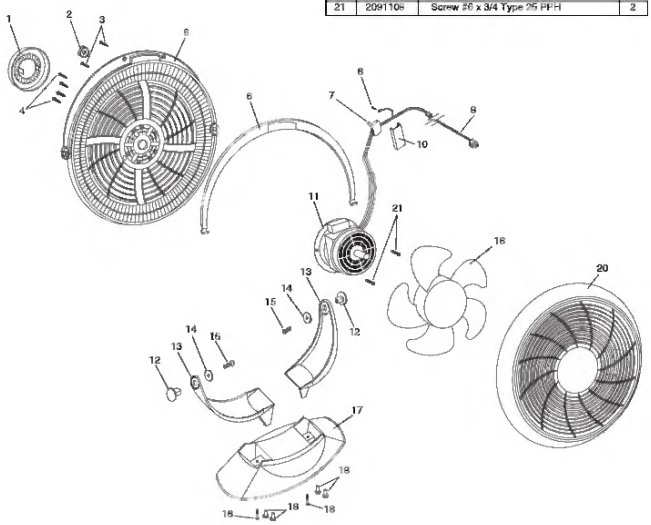
MODEL 4TM64A/9515A

PARTS REPLACEMENT LIST

Key	Part No.	Description	Qty.
1	2010788	Rear Motor Cover	1
2	2010793	Knob Switch	1
3	2090038	Screw #8 x 3/8 Type 25 PPH	2
4	2091108	Screw #8 x 3/4 HWH Type AB	5
5	2010786	Rear Grill	1
6	2010790	Handle Insert	1
7	2057067	Switch	1
8	2090710	Screw #10 x 1/4 Type B	1
9	2050044	Cordset	1
10	2010949	Switch Cover	1
11	2031229S	Motor Assembly	1
12	2010791	Ratchet	2
13	2010789	Yoke	2
14	2091115	Flat Washer 1 x .205 x .062	2
15	2091116	Screw #8 x 5/8 Type 25 HWH	2
16	2010794	Blade	1
17	2010792	Base	1
18	2090038	Screw #8 x 9/16 Type 25 PPH	2
19	2010414	Foot	4
20	2010785	Front Grill	1
21	2091108	Screw #8 x 3/4 Type 25 PPH	2



MANUAL DE INSTRUCCIONES DE OPERACIÓN Y PARTES

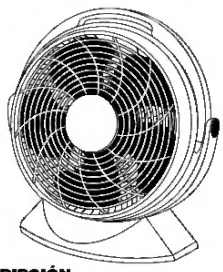
AirKing Ventilation Products ®

15" (38.1 cm) LUJOSO PIVOTE VENTILADOR

15" (38.1 cm) MODELO 4TM64A/9515A

LEA Y GUARDE ESTAS INSTRUCCIONES

LÉALAS CUIDADOSAMENTE ANTES DE INTENTAR ARMAR, INSTALAR, OPERAR O DAR MANTENIMIENTO AL PRODUCTO DESCRITO. PROTÉJASE A SÍ MISMO Y A LOS DEMÁS OBSERVANDO TODA LA INFORMACIÓN SOBRE SEGURIDAD. ¡NO SEGUIR LAS INSTRUCCIONES PODRÍA RESULTAR EN LESIONES PERSONALES Y/O DAÑOS A LA PROPIEDAD! GUARDE LAS INSTRUCCIONES PARA REFERENCIAS FUTURAS.



DESCRIPCIÓN

El Ventilador AirKing Pivote de 15 pulgadas (38.1 cm) ofrece 3 velocidades silenciose para su operacion y 120 grados de inclinacion ajustable. La aspa de 15 pulgadas (38.1 cm) de 5 palas tiene un motor permanente pre-lubricado.

ESPECIFICATIONES Y FUNCIONAMIENTO

Motor ..... 120V, 60 Hz
Tamano De Paletas ..... 15" (38.1 cm)
Velocidades 3
Control ..... Perillar Rotario
Distribución Del Flujo De Aire ..... 120°
Aprobaciones ..... Catalogación UL. El protector de malla cerrada del ventilador satisface las normas OSHA.

MODELO	4TM64A/9515A		
VELOC.	ALTA	MEDIA	BAJA
CFM	3285	2830	2210
M³/s	1.55	1.34	1.04
RPM	1220	1050	750
Amps	1.10	.80	0.62
Watts	116	95	75
dB A	55	50	44

INFORMACIÓN GENERAL SOBRE SEGURIDAD

1. Cerciórese de que la fuente de electricidad se adapte a los requerimientos eléctricos del ventilador.
2. El cordón eléctrico está equipado con una clavija a tierra de tres espigas que tiene que ser enchufada a un receptáculo del mismo diseño. Bajo ninguna circunstancia debent cortarse la espiga a tierra de la clavija. De existir un receptáculo de pared de dos espigas, deberá reemplazarse por uno de tres espigas debidamente puesto a tierra e instalado de conformidad con el Código Nacional de Electricidad y todos los códigos y ordenanzas locales aplicables. El trabajo deberá hacerlo un electricista calificado, utilizando exclusivamente alambre de cobre.

ADVERTENCIA: NO SE RECOMIENDA EL USO DE UN ADAPTADOR DE TRES A DOS ESPIGAS. LA CONEXIÓN INDEBIDA PODRÍA CREAR EL RIESGO DE SER ELECTROCUTADO. EL USO DE TALES ADAPTADORES NO ESTÁ PERMITIDO EN CANADÁ.

3. Siempre que sea posible, evite el uso de extensiones eléctricas. Si tienen que usarse, minimice el riesgo de sobrecalentamiento asegurándose de que sean de catalogación UL y del calibre y la longitud adecuadas. Nunca use una sola extensión para operar más de un ventilador.
4. No introduzca los dedos ni objetos extraños en el ventilador. No obstruya ni manipule indebidamente el ventilador mientras esté en operación.
5. Desenchufe el cordón eléctrico antes de instalar o dar servicio al ventilador.

ADVERTENCIA: NO DEPENDA DEL INTERRUPTOR DE ENCENDIDO Y APAGADO COMO EL ÚNICO MEDIO PARA INTERRUMPIR LA ALIMENTACIÓN ELÉCTRICA CUANDO INSTALE O DÉ SERVICIO AL VENTILADOR. SIEMPRE DESENCNUFE EL CORDÓN ELÉCTRICO.

6. Este ventilador es para uso general EXCLUSIVAMENTE. NO debent usarse en localidades potencialmente peligrosas tales como atmósferas inflamables, explosivas, cargadas de gases o húmedas.

ADVERTENCIA: PARA REDUCIR EL RIESGO DE INCENDIOS O DESCARGAS ELÉCTRICAS, NO USE ESTE VENTILADOR CON NINGÚN DISPOSITIVO DE CONTROL DE VELOCIDAD DE ESTADO SÓLIDO.

OPERACIÓN

1. INCLINACION AJUSTABLE: Para ajustar la direccion del aire, simplemente jire la cabeza del ventilador. La cremallera con un adjuste de 360 grados mantendra el ventilador en la posicion deseada.
2. VELOCIDAD: La velocidad se controla mediante un conjuntor rotatorio de tres posiciones localizado en la parte trasera del alojamiento del motor.
3. CORDÓN DE ALIMENTACIÓN ELÉCTRICA: Enchufe el cordón de alimentación eléctrica en un receptáculo de pared (120 volts AC, 60 Hz).

EL ENSAMBLE DE LA CREMALLERA EN EL LUJOSO PIVOTE VENTILADOR DE 20 PULGADAS ESTA DISENADA PARA QUE TRABE EN CADA POSICION. ASI QUE CUANDO AJUSTE EL ANGULO DEL VENTILADOR DIRA UN SONIDO FUERTE LO CUAL ES NORMAL.

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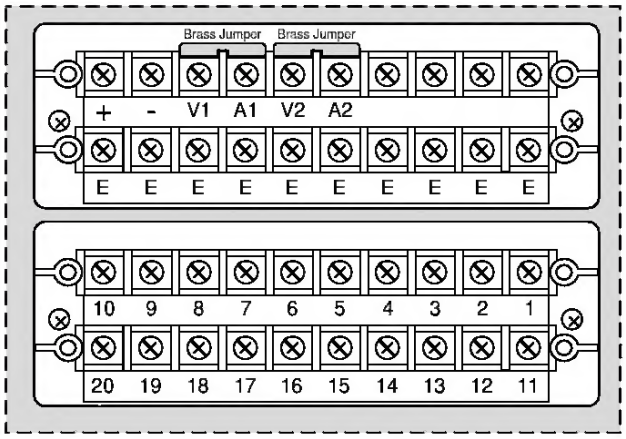
TERMINAL LAYOUT:

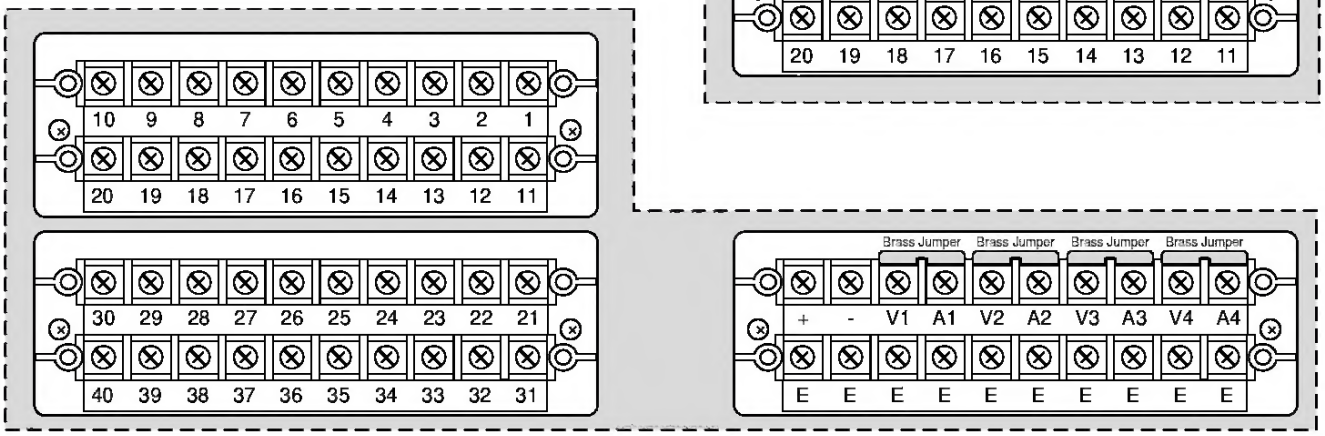
N-20AS



N-*n*AS TERMINAL DEFINITIONS:

+	Positive 24V DC
-	Negative
1~40	Station number
E	Common communication
V1-V4, A1-A4	Connects to NB-U for Background Music

N-40AS



OPERATION:

* POWER SWITCH ON MASTER MUST BE ON FOR SYSTEM TO BE OPERABLE.

1. When a station calls in, press the selector button corresponding to the lit LED. Station will continue to ring and station LED will remain illuminated until the call is answered at the master or reset at the sub.
2. To speak to the person at the remote station, press the TALK button on the master, and release TALK button to hear reply. If the master is equipped with a handset, communication can be with the handset or push-to-talk. Communication via the handset is VOX (voice actuated).
3. When the conversation is completed, press the OFF button to the left of the station button that is selected. Hang up handset.

CAUTION

* Do not connect any AC wires to any terminal on any unit, as damage may occur. Connect only specified power source to + and - terminals.
* Do not install more or different power sources than specified for the system.
* Do not attempt to install or connect wires on the NEM system while the system's power supply is plugged in.
* NEM masters and related equipment, unless specified as "weather resistant", are designed for indoor use only. Door stations (NE-DA, NE-JA, NE-SS, NE-SSR and NE-NVP) may be installed outdoors in a protected area. Do not expose any equipment directly to rain or extreme weather conditions.

IMPORTANT

* Any other manufacturer's products installed with the system (power supply, external device, etc.) are not covered under Aiphone's warranty.
* Do not mount NEM equipment in the following places, as it may cause the system to malfunction:
  - High or extreme cold temperature areas: under direct sunlight, near equipment that varies in temperature, in front of air conditioner, inside a refrigerated area, etc.
  - Places subject to moisture or humidity extremes.
  - Places subject to environmental conditions, such as dust, oil, chemicals, salt, etc.
* NEM units are electronic devices, which must not be subjected to water or any other liquid.
* Severe weather conditions, such as lightning storms, may cause damage to NEM equipment. We recommend that power surge protection be installed to minimize potential component level damage.
  - Install the SA-1 surge arrestor to protect the power supply from a surge.
  - Additional SA-1 surge arrestors should be installed on all communication lines (one SA-1 for every two connected to master.).

For additional information about this system, please refer to the standard NEM instructions.

Aiphone Communication Systems
1700 130th Ave. N.E.
Bellevue, WA 98005
(425) 455-0510
FAX (425) 455-0071

Toll Free Technical Support:
1-800-692-0200
E-mail tech-serv@aiphone.com

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Security Functions

- **Packet Filter Supported**
  Packet Filter allows you to control access to a network by analyzing the incoming and outgoing packets and allowing or denying them access based on the IP address of the source and destination.
- **Domain Filter Supported**
  - Lets you prevent users from accessing specified domains through this device.
- **URL Blocking Supported**
  - Lets you prevent users from accessing specified URLs through this device.
- **VPN Pass-Through**
  - Support VPN pass-through.
- **SPI Mode Supported**
  - When SPI Mode is enabled, the router will check every incoming packet to determine if the packet is valid.
- **DoS Attack Detection Supported**
  - When this feature is enabled, the router will detect and log any DoS attack that comes from the Internet.

Advanced Functions

- **System Time Supported**
  - Allows you to synchronize the system time with a network time server.
- **E-mail Alert Supported**
  - The router can send e-mail alerts to a specified e-mail address.
- **Dynamic DNS Supported**
  - Supports dyndns,TZO.com, and dhs.org.
- **SNMP Supported**
  - Supports basic SNMP functions.
- **Routing Table Supported**
  - Supports static routing table.
- **Schedule Rule Supported**
  - Schedule the time when services such as virtual server or packet filter will be active.

Other Functions

- **UPNP (Universal Plug-and-Play) Supported**

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Step 4

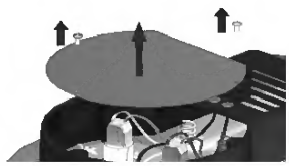
Plug the power cord into an electrical outlet. You may optionally have an electrician wire the air purifier to your HVAC unit so that the air purifier only operates when your HVAC fan is running. Once the unit is plugged in the indicator light should glow to indicate the AHPCO Cell is working properly.

AHPCO™ Cell Replacement

Step 1

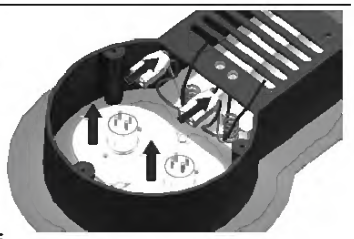
CAUTION: Before attempting to service the Air Oasis unit, be sure the power is off and unplugged.

Remove three (3) screws at the top of the aluminum face plate. Then slide the face plate up and off.



Step 2

Unplug the four pin lamp connectors and fiber optic cords from the AHPCO Cell.



Read all instructions carefully before operating your air purifier.

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Safety Instructions and Cautions	1
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Warranty	3
Maintenance and Customer Service	4
Placement and Operation	4
Cleaning	4
AHPCO™ Cell Replacement	5-6
Troubleshooting Guide	7

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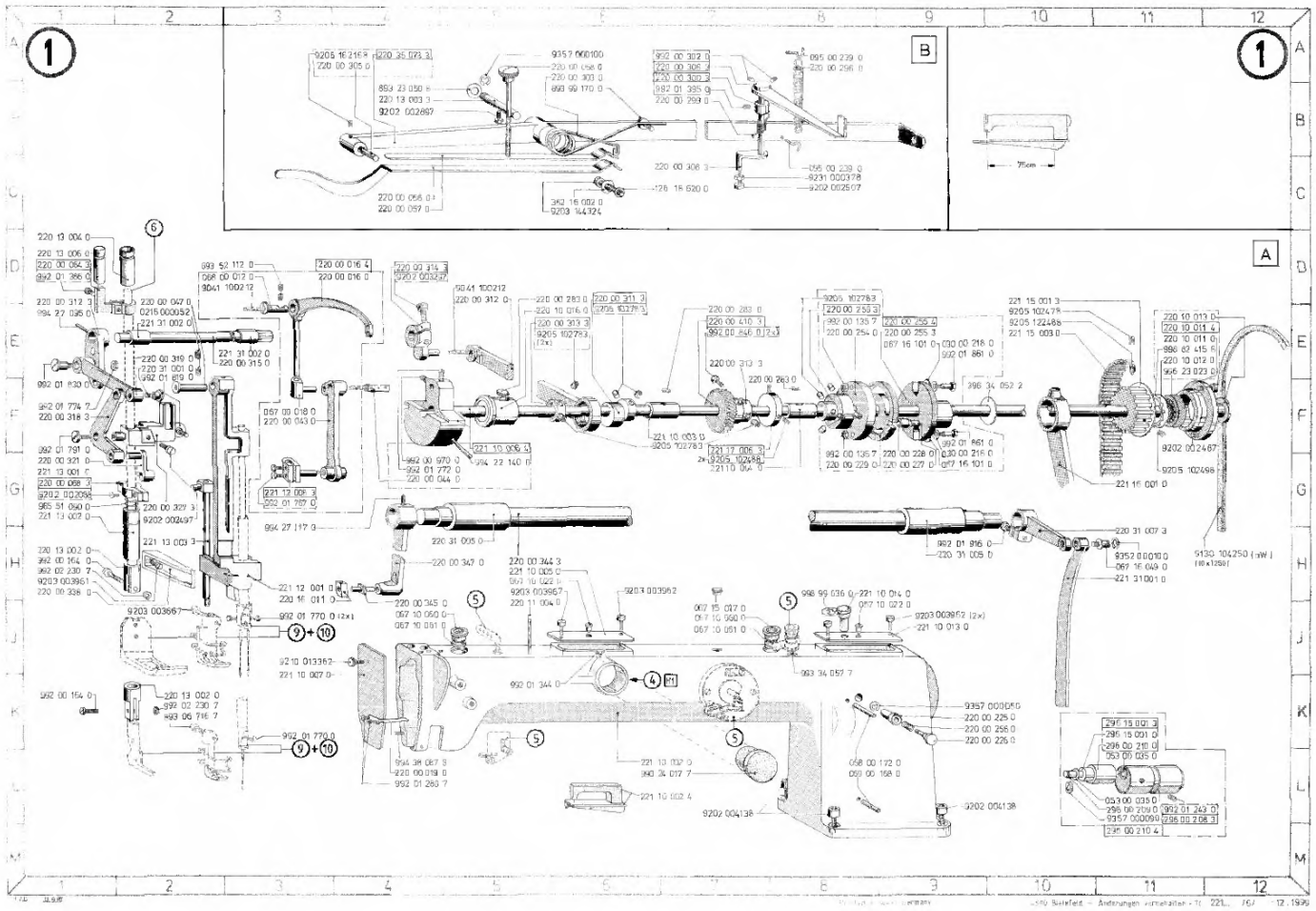

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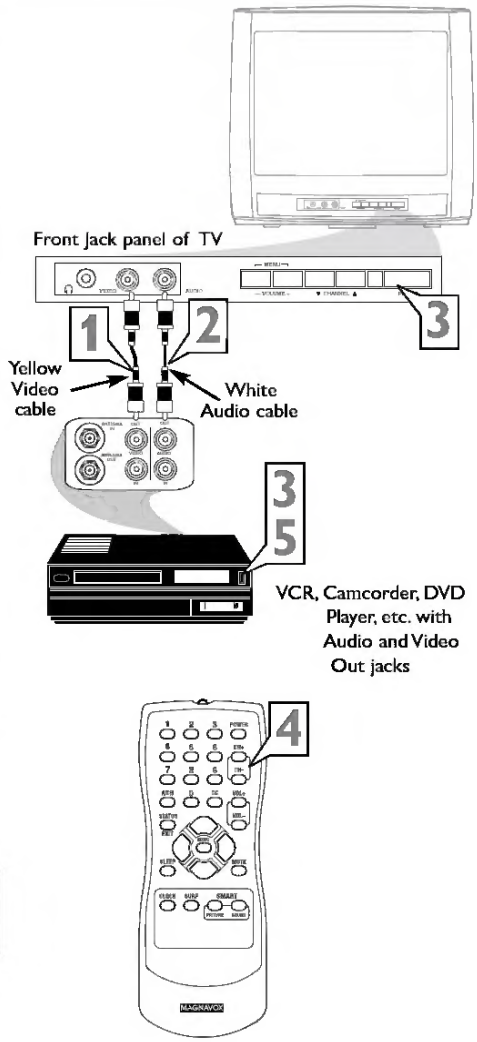
3 Front AV (Audio/Video) Input Connections

Audio and Video Front Inputs are available for a quick connection of a VCR, to playback video from a camera, or attach a gaming device. Use the AV button on the remote control to tune these inputs.

1. **Connect the video (yellow) cable** from the Video output on the Camera (or accessory device) to the Video (yellow) Input located on the FRONT of the TV.
2. **For Mono Devices:** Connect one end of the audio cable from the Audio Out jack on the device to the Audio In (white) jack on the FRONT of the television.
3. Turn the TV and the accessory device ON.
4. **Press the CH+ or CH- button** on the remote control to tune the TV to the front input jacks. "Front" will appear on the TV screen.
5. **Press the PLAY ▶ button** on the accessory device to view playback, or to access the accessory device (camera, gaming unit, etc.).

NOTE: For model 13MT1533 Audio sound is only available via the headphone connection.



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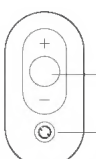
4. Description of automatic mode control (advanced mode)

Under this automatic mode, set as the intelligent start and stop, the WalkingPad will start automatically to the target speed(default is 1.75 mi/hr) while entering this area.

A

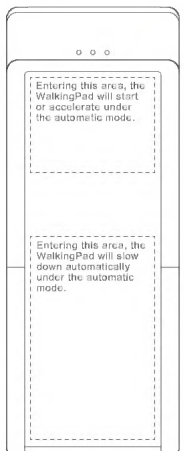
Automatic Mode

This mode is advanced mode, which is more difficult and can be used completely without the remote control. It is recommended for users who have good sports coordination or have walking machine experience.



Short press: stop the WalkingPad.

Mode switch:
Short press: switch to the fixed speed mode
Long press: switch to the standby mode


Entering this area, the WalkingPad will start or accelerate under the automatic mode.
Entering this area, the WalkingPad will slow down automatically under the automatic mode.

5. Remote Controller Notice

If the remote controller has no response or you change a new one, The remote controller and walking device need to re-establishing communication.

Pairing method: Restart walking device and short press the MODE Button of Controller many times during display "WAIT".

6. Fault Warning Linght

The Fault Warning Light is off when the walking machine is working well. While error occurs, the fault warning light is on and the display panel shows the error code

E01：Drive communication fault
E02：Motor abnormalities
E05：Overcurrent protection
E06：Motor Protection
E08：Sensor Fault
E10: High temperature protection, automatic recovery after the end of countdown.
E11: Overload protection, please add lubricating oil, and resume automatically after countdown.

Dagelijkse TV-functies

TV-programma's kiezen

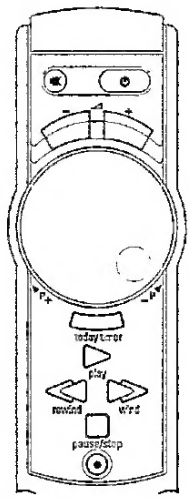
Lees "Constante weergave van het programmanummer" (pagina 15), wanneer u het nummer constant op het scherm wilt zien.

- Draai de draaiknop —P+ linksom of rechtsom.

▹ Wanneer u de knop langzaam draait, verschijnen de programma's één voor één.

Na programmanummer 49 verschijnt EXT gevolgd door programmanummer 0.

▹ Wannaar u da knop snal draait, lopan da programmanummars snel op of af.
Wanneer u stopt met draaien verschijnt het gekozen programma.



Volume instellen

- Druk op — ◿ +.

Onderdrukken van het geluid (mute)

- Druk op 🔇.

▹ **Geluid onderbroken** verschijnt op het scherm.

- Druk nogmaals op 🔇 (of — ◿ +).

▹ U hoort weer het geluid.

Dagelijkse videorecorder-functies

Plaatsen van een cassette

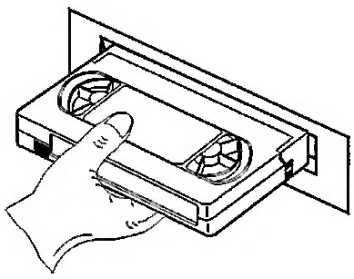
- Houd een lege of voorbespeelde cassette vast met het etiket naar u toe en het venster naar boven. Duw de cassette in de cassette-opening van de videorecorder.

Zet geen cassette in wanneer de TV/VIDEO is uitgeschakeld. Schakel de TV/VIDEO niet uit wanneer er een cassette is ingezet.

- Duw tegen het midden van de cassette totdat de cassette automatisch naar binnen wordt getrokken.

▹ De videorecorder wordt automatisch ingeschakeld.

▹ Wanneer een cassette geplaatst is, verschijnt in het display eerst "–:––" en de letter "**L**" (voor time Left = resterende tijd) of "**U**" (voor time Used = gebruikte tijd).
Na een paar seconden van bandbeweging, zal in het display de tellerstand in uren en minuten verschijnen.



Lees de paragraaf "Bandmenu" (pagina 17) om te weten hoe u het juiste cassettetype kunt kiezen of om aan te geven of u de resterende of gebruikte tijd wilt zien.

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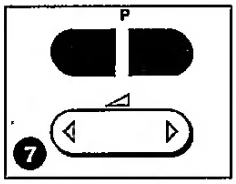
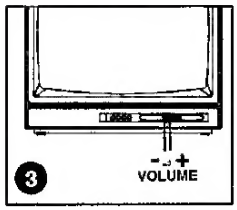
Additional features



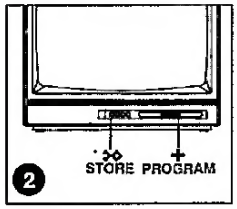
To select the program number for the video recorder signal
- Press the appropriate ◁ or ▷ P button (for the program number on which the video signal has been stored).

To use the 'store lock'
The store lock can be used:
- To prevent your TV station selections being accidently lost from their program number.
- To prevent your stored sound and picture settings being changed.
- To limit the maximum volume setting on your TV.

To lock
- Select program number 38 using the - or +PROGRAM buttons.

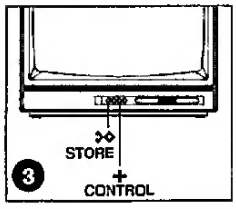


- If you want to limit the maximum volume used on your TV then adjust the volume using the - or + VOLUME buttons.



- Press the ◇◇ STORE button and the + PROGRAM button simultaneously to 'lock' your TV station selections.

To unlock
- Select program number 38 using the - or + PROGRAM buttons.



- Press the ◇◇ STORE button and the + CONTROL button simultaneously to 'unlock' your TV station selections.

General information

To clean the TV screen
- It is possible to clean the TV screen using a slightly damp chamois leather. Never use aggressive cleaning agents.

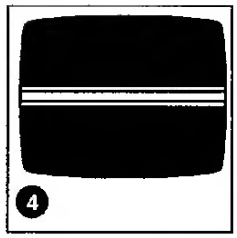
Fault indication

IMPORTANT: Never attempt to repair a broken TV yourself; always consult a skilled TV service engineer.

If the TV does not give the desired picture or sound quality after switching on then check that:

- the aerial is connected properly.
- all controls and buttons are selected correctly.
- the selected TV station is no 'closed-down'.
- the sound is switched on (not 'muted').

Switch off the TV if:



- The RED lamp below the screen is flashing continuously.
- a bright white line is displayed across the screen.

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6. Once you select a wireless network, select **Connect**.

7. If required, enter the network's password.

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2.5 Connect to the ADSL Interface

Step 1. Plug the RJ-11 connector end of the ADSL phone cable (included) in the DSL interface of the modem. The ADSL phone cable is provided (RJ-11 to RJ-45).

Step 2. Connect the RJ-45 connector end of the ADSL phone cable to the ADSL outlet on the wall.

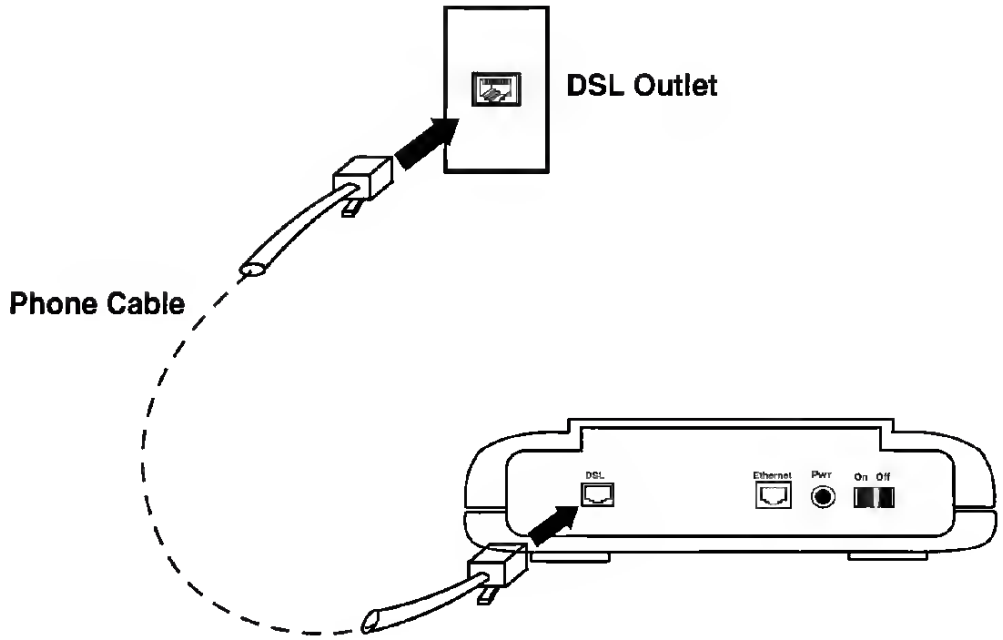

Figure 2.6 Connecting the DSL Interface

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For tablets with SD card first, and then to tablet with cable connected computers, WINXP system need to install the driver (tablet computers connected to the computer, directly to the USB device mode option there is install the driver option), do not need to install Windows 7 system, then open the device, copy all the files to the root directory of the SD card, and then click SelfTest1 , If prompted to ban installation tips, direct access to Settings - security - unknown source, directly on the check, and then install good program can start testing. In computer test, copies as long as the good files on the SD card to another.

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What to do if

If your appliance fails to work properly please carry out the following checks.

Symptom	Solution
The cooker hood will not start...	Check that: The hood is connected to the electricity supply. Check that a fan speed has been selected
The cooker hood is not working	Check that: The fan speed is set high enough for the task. The grease filters are clean. The kitchen is adequately vented to allow the entry of fresh air. If set up for recirculation, check that the charcoal filter is still effective. If set up for extraction, check that the ducting and outlets are not blocked.
The cooker hood has switched off during operation...	The safety cut-out device has been tripped. Turn off the hob and then wait for the device to reset. If the hood has been installed below the heights indicated in the installation instructions the motor will cut-out frequently which will damage the hood.

If after all these checks, the problem persists, contact your local Service Force Centre, quoting the model and serial number.
Please note that it will be necessary to provide proof of purchase for any in-guarantee service calls.
In-guarantee customers should ensure that the above checks have been made as the engineer will make a charge if the fault is not a mechanical or electrical breakdown.

Special accessories

Charcoal filter TYPE 20

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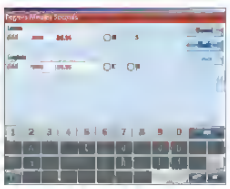
02

Using CoPilot Live

Selecting a Destination Using Lat and Long

If you know the latitude and longitude of your destination you can enter them directly.

- Click **Menu > Destination** > > **Coordinates**
- Choose to set the latitude and longitude in Degrees Minutes Seconds, Decimal Degrees or Decimal Minutes.
- Enter a latitude and longitude in the appropriate format depending on which one you selected.



CoPilot will take a few moments to find the point. When it is located a map will appear with the location pinpointed by a red arrow.

- Select **Drive** to begin navigating your route.

Choosing a Saved Trip

If you already have a saved trip that you want to use, you can access it quickly.

- Click **Menu** > **Destination** > **Dpen Saved Trip**. For details on saving a planned trip, see page 18.

Saving Your Current Location

If you are outside and have a GPS fix, you can save your current location.

- Click **Menu** > > **Save Current Location**.
- Enter a name for the destination and click **Save**.
- The location will be saved in your Favorites list, where it can be accessed as a destination in the future.

Dther Ways to Select a Destination

You can save locations as Home and Work for one-click address entry, see page 24. In addition, CoPilot lets you save your Favorite destinations so you can access them quickly, see page 25.

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Switching Off the Appliance

☞To switch off the appliance, turn the temperature regulator to position"0".

If the appliance is not going to be used for an extended period:

☞1. Remove all refrigerated packages.

2. Switch off the appliance by turning the thermostat knob to position"0".

3. Remove the mains plug or switch off or disconnect from the electricity supply.

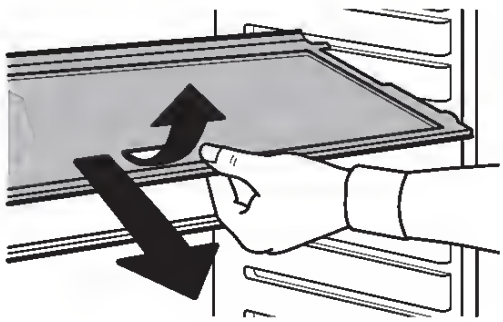
4. Clean thoroughly (see section: "Cleaning and Care").

5. Leave the door open to avoid the build up of odours.

Interior Accessories

Storage Shelves

Various glass storage shelves are included with your appliance. The height of the storage shelves can be adjusted:



☞1. To do this pull the storage shelf forward until it can be swivelled upwards or downwards and removed.

2. Please do the same in reverse to insert the shelf at a different height.

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Menu option	Result of selecting the option
Create New Array	Three panels apen: • Create Array (displays a menu with the fallawing aptians: Assign Drive, Assign Spare, Remave Drive, and Accept Changes) • Physical Drives (lists the spare drives and unassigned physical drives that are cannected ta the cantraller) • New Array (shaws the updated physical canfiguratian view)

- Arroy Options menu (oppeors in the secondory ponel when on orroy is highlighted in the Logicol Configurotion View ponel)

Menu option	Result of selecting the option
Expand Array	Three panels apen: • Expand Arroy (displays a menu with the fallawing aptians: Assign Drive, Remave Spare, and Accept Changes) • Physical Drives (lists the spare drives and unassigned physical drives that are cannected ta the cantraller) • Expand Existing Arroy (shaws the updated physical canfiguratian view)
Assign Spare	A new panel apens, displaying a menu af the valid drives.
Remave Spare	A new panel apens, displaying the spares.
Delete Entire Array	The data and all the lagical drive structures an the array are deleted.

- Logicol Drive Options menu (oppeors in the secondory ponel when o logicol drive is highlighted in the Logicol Configurotion View ponel)

Menu option	Result of selecting the option
Delete	The data and the lagical drive structure an the array are deleted.
Drive Settings	A new panel apens, displaying settings far twa aptians: Fault Talerance and Stripe Size.
SSP Settings*	A new panel apens, displaying the Enable ar Disable aptian.

*This menu aptian is available anly with the MSA1000 and MSA1500.

Typical manual configuration procedures

This section describes the procedures for the following common tosks:

- Creoting o new orroy ond logicol drive (on poge 18)
- Adding spore drives (on poge 18)
- Setting the rebuild priority or expond priority (on poge 19)
- Setting the occelerotor rotio (on poge 19)
- Exponding on orroy (on poge 20)
- Migroting RAID level or stripe size (on poge 20)

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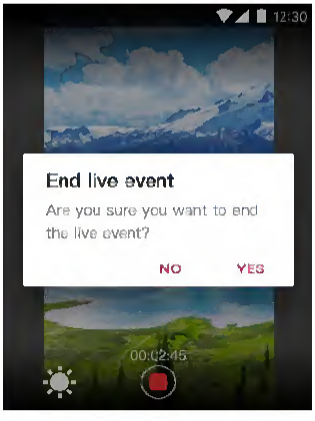
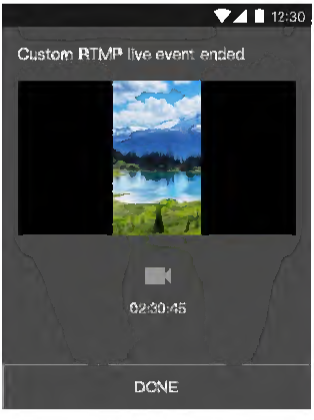
6 Tap **Shutter** button to end the live stream, then tap **YES**.



7 Tap **DONE** to close the video.



Restarting the camera

You can restart ('reboot') your camera if you find apps are not responding.

1. Press and hold the power button until you get the camera options menu.
2. Tap **Reboot**.

Resetting the camera to factory settings

1. Open **Settings** from the Apps list.
2. Tap **Backup & reset** > **Factory data reset**.
3. Tap **Reset camera** > **Erase everything**.

For more information

For detailed product information, please go to **www.acer.com**.

For service and support information, or to download the User Guide or drivers, please follow the instructions below:

1. Go to **www.acer.com** and click **SUPPORT** > **Drivers and Manuals**.
2. Select appropriate items from *Category* > *Series* > *Model* (i.e. in Category select **Smart Camera**).

Figure 7 is a graphical representation of one Ethernet segment of 10-Mb/s and 100-Mb/s clients (IPX protocol). The results are from a NetBench 4.0 monitoring session where Total Throughput was captured for a ProLiant 1500 server equipped with a NetFlex-3/P Controller (100-Mb/s TX Module). The graph illustrates that the Total Throughput increased as the number of clients increased, then leveled off at 8 clients.

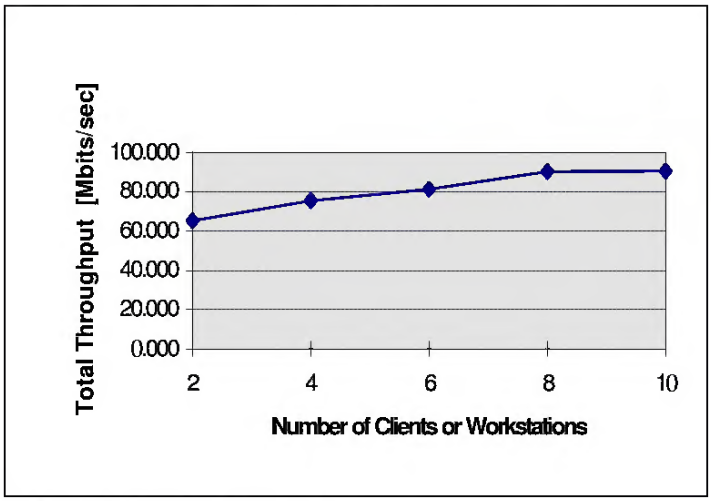


Figure 7.*Result of total throughput*

In general, if total throughput stays around 50 percent or better on a consistent basis, your LAN is approaching network saturation or may be bottlenecked. In both of our test cases, the LAN saturated at 8 clients. Reaching saturation level with such a low number of clients indicates a need for segmenting the LAN to distribute the work load.

As noted, these testing results indicate wire saturation for a very low number of users because NetBench creates a test environment that simulates network demand placed on a file server; every client reads the same data from a data file. The use of a synthetic network measuring program (NetBench) and the even distribution of work caused the low saturation point. Thus, this testing does not represent a typical LAN environment of several hundreds or thousands of users arbitrarily broadcasting over the entire LAN via router(s), bridge(s), and gateways. In a real-world environment, network clients should not reach wire saturation for so few users, as indicated in Table 3 and Figure 6. The table and graphical data show the wire bandwidth difference between 10 Mb/s and 100 Mb/s, as well as the effect of increasing the user load.

PERFORMANCE TUNING

Bus System Tuning

Compaq introduced dual peer PCI buses with the ProLiant 5000 for added performance and reliability. For performance, both buses are independent, allowing a full 267 MB/s of I/O. For added reliability, the ProLiant 5000 offers support for redundant 10/100 TX PCI UTP Network Interface Controllers (NICs) as well as redundant disk controllers. With redundant controllers installed, the system can remain operational even if a disk or network controller fails or if there is a PCI bus failure. Installing redundant controllers on separate PCI buses insures maximum possible reliability.

Slot 5, 6, 7, and 8 are on the primary bus; slot 2, 3 and 4 are on the secondary bus.

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```
timezone --utc America/Chicago
# Root password
rootpw password
# Reboot after installation.
reboot
# Use text mode install.
text
# Install Red Hat Linux instead of performing an upgrade.
install
# Use NFS installation media.
nfs --server 172.48.0.1 --dir /var/ftp/pub/rh73
# System bootloader configuration
bootloader --location=mbr
# Clear the Master Boot Record.
zerombr yes
# Clear all partitions from the disk.
clearpart --all --initlabel
# Disk partitioning information
part /boot --fstype ext3 --size 75 --asprimary
part  swap --recommended
part / --fstype ext3 --size 2700 --grow
# Use DHCP networking. This is only effective if ks.cfg is local.
# network --bootproto=dhcp --device=eth0
# System authorization information
auth  --useshadow  --enablemd5
# Firewall configuration
firewall --disabled
# Do not configure the X Window System.
skipx
# Package install information. This is for a minimal install.
%packages --resolvedeps
wget
openssh
openssh-clients
openssh-server
nfs-utils
portmap
#@Everything
%post
```

Note

To perform a full package install, uncomment the @Everything line in the kickstart file.

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